

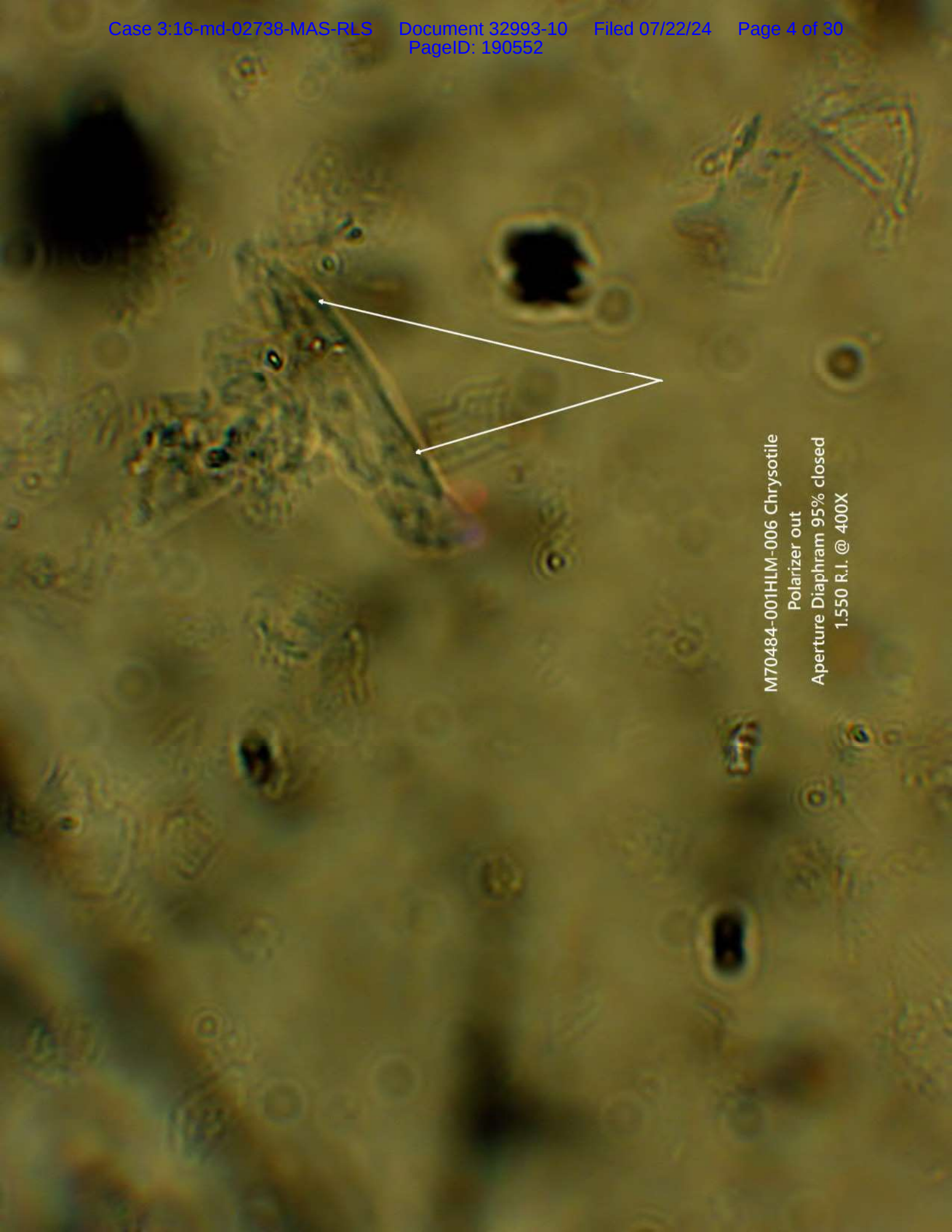
M70484-001HLM-006 Chrysotile Perpendicular Dispersion



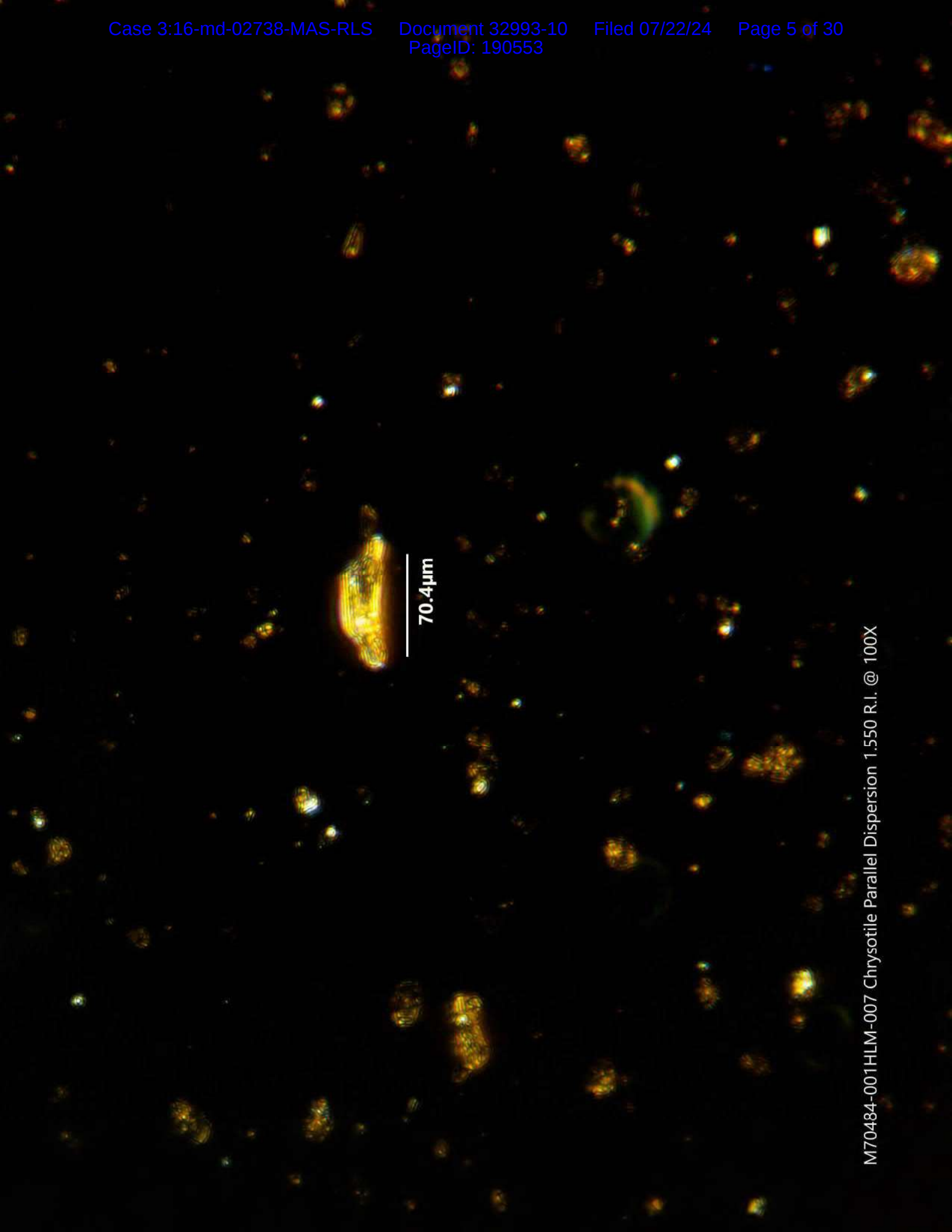
M70484-001HLM-006 Chrysotile Elongation @ 400X



M70484-001HLM-006 Chrysotile Crossed Polars



M70484-001HLM-006 Chrysotile
Polarizer out
Aperture Diaphragm 95% closed
1.550 R.I. @ 400X

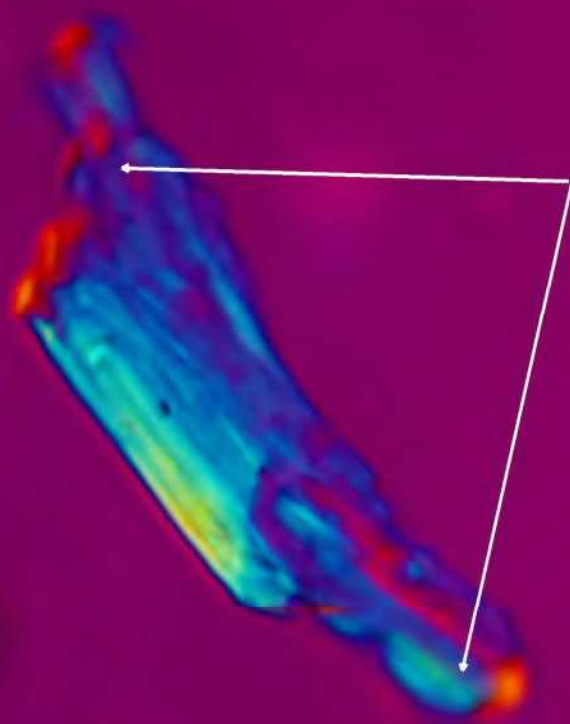


70.4µm

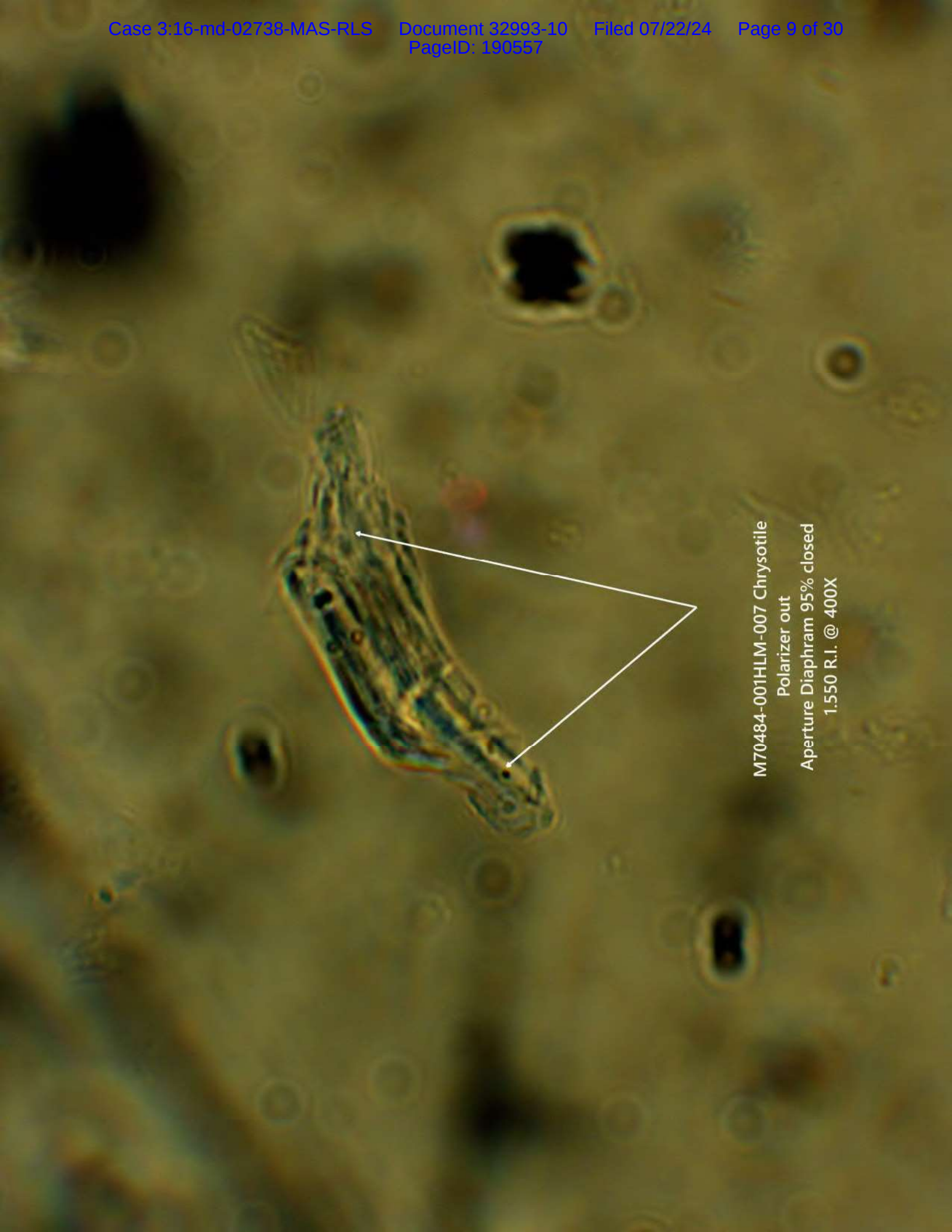
M70484-001HLM-007 Chrysotile Parallel Dispersion 1.550 R.I. @ 100X



M70484-001HLM-007 Chrysotile Perpendicular Dispersion







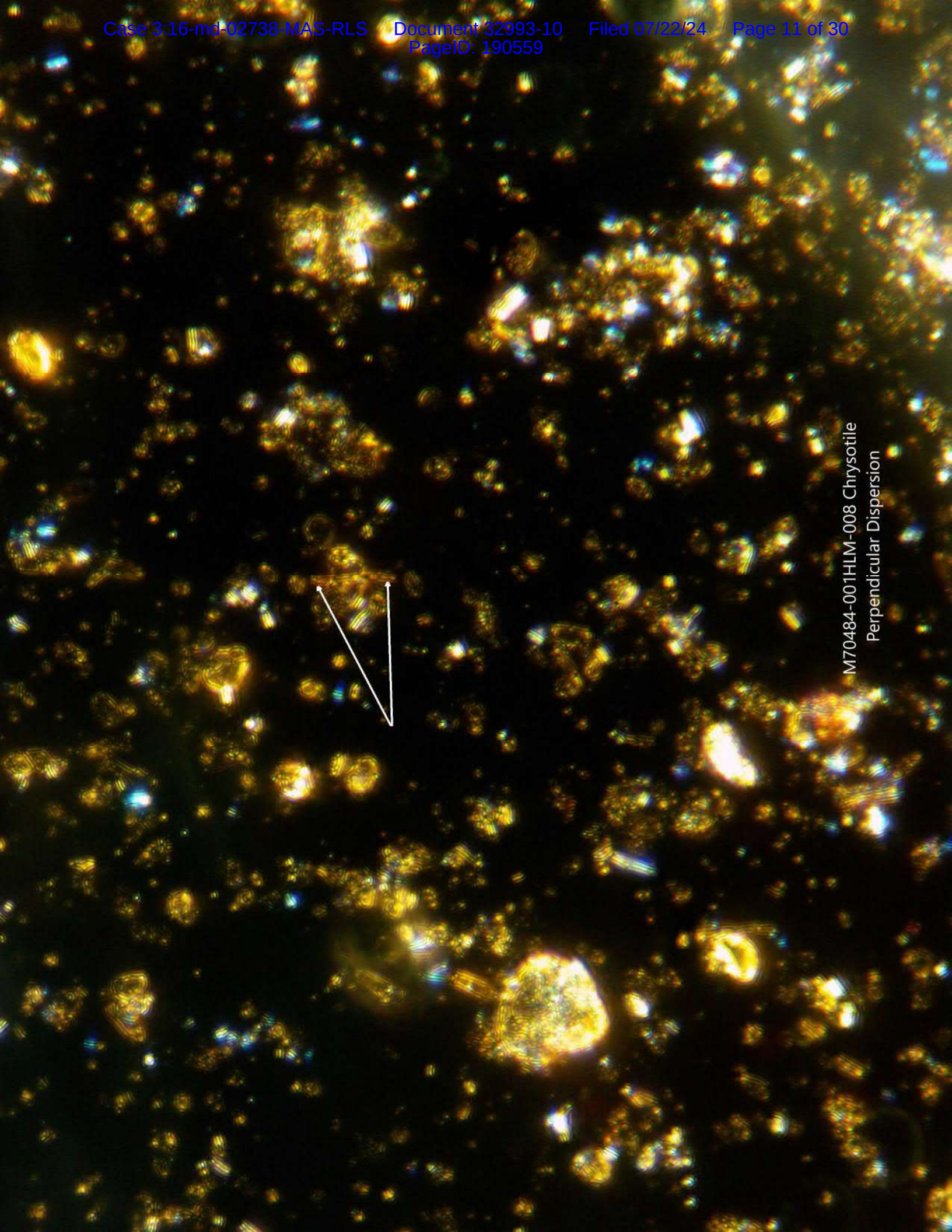
M70484-001HLM-007 Chrysotile
Polarizer out
Aperture Diaphragm 95% closed
1.550 R.I. @ 400X



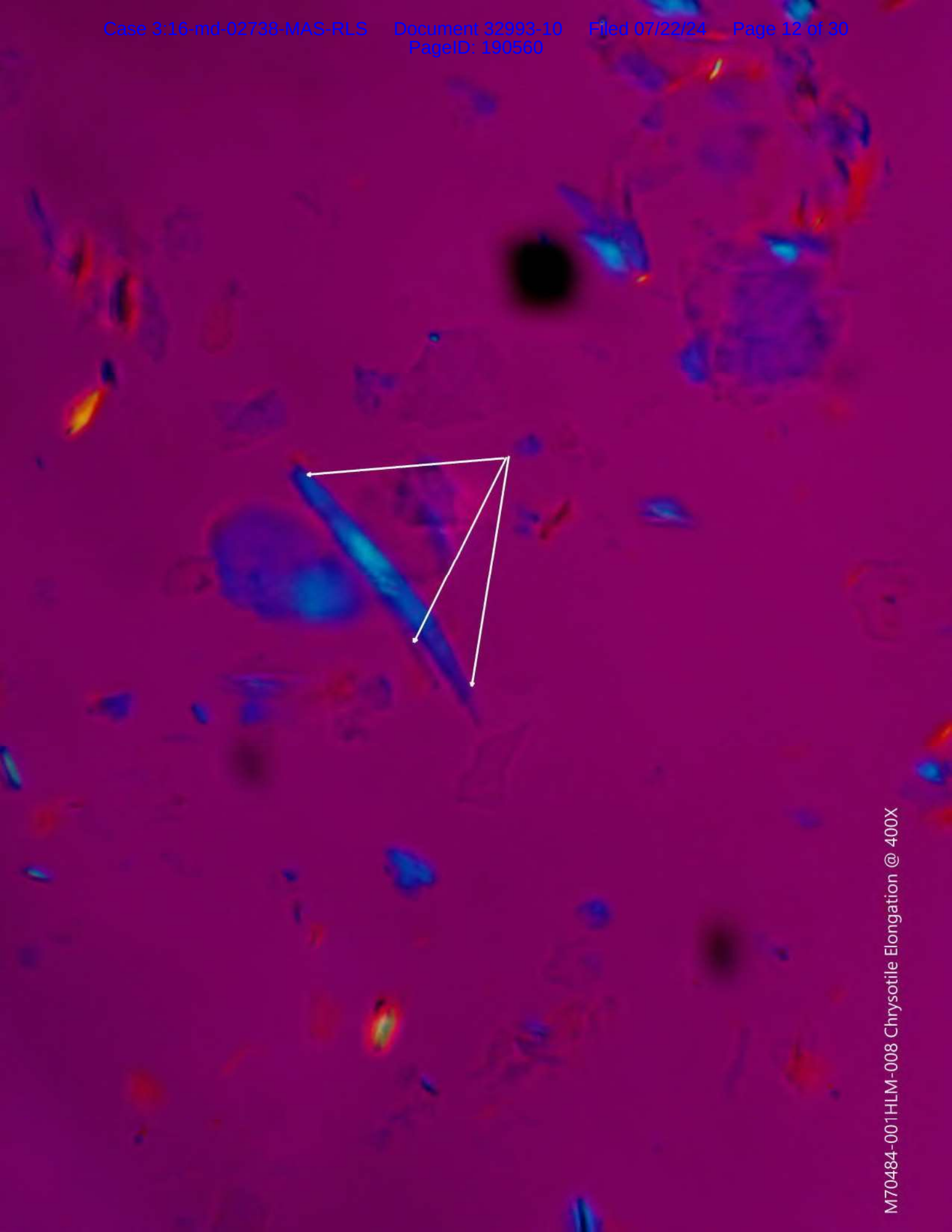
A high-magnification micrograph showing a dense field of chrysotile fibers. The fibers appear as bright, yellowish-gold, needle-like or fibrous structures against a dark background. They are oriented in various directions, creating a complex, interwoven pattern. Some fibers are long and thin, while others are shorter and more clumped. The lighting highlights the edges and surfaces of the fibers, giving them a three-dimensional appearance.

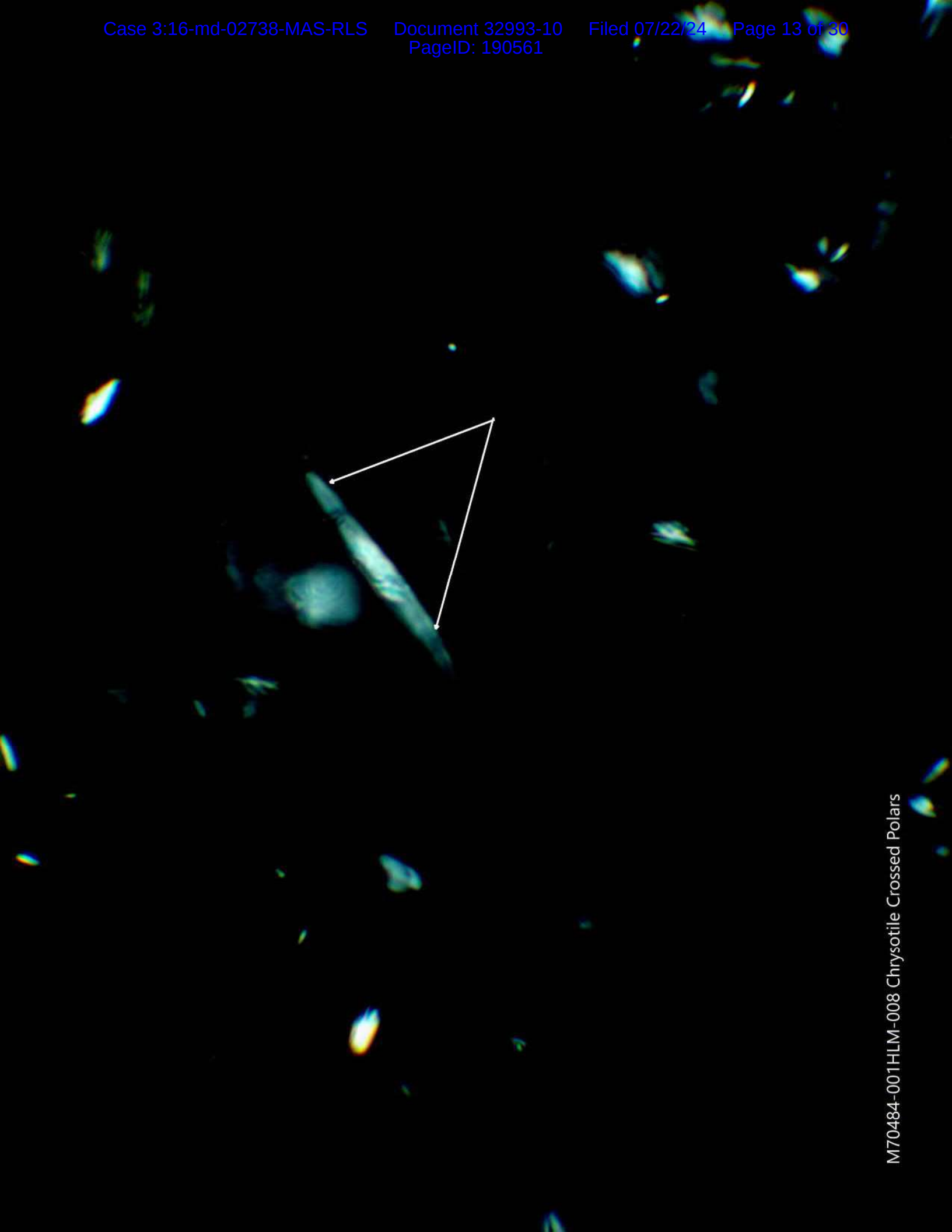
49.6μm

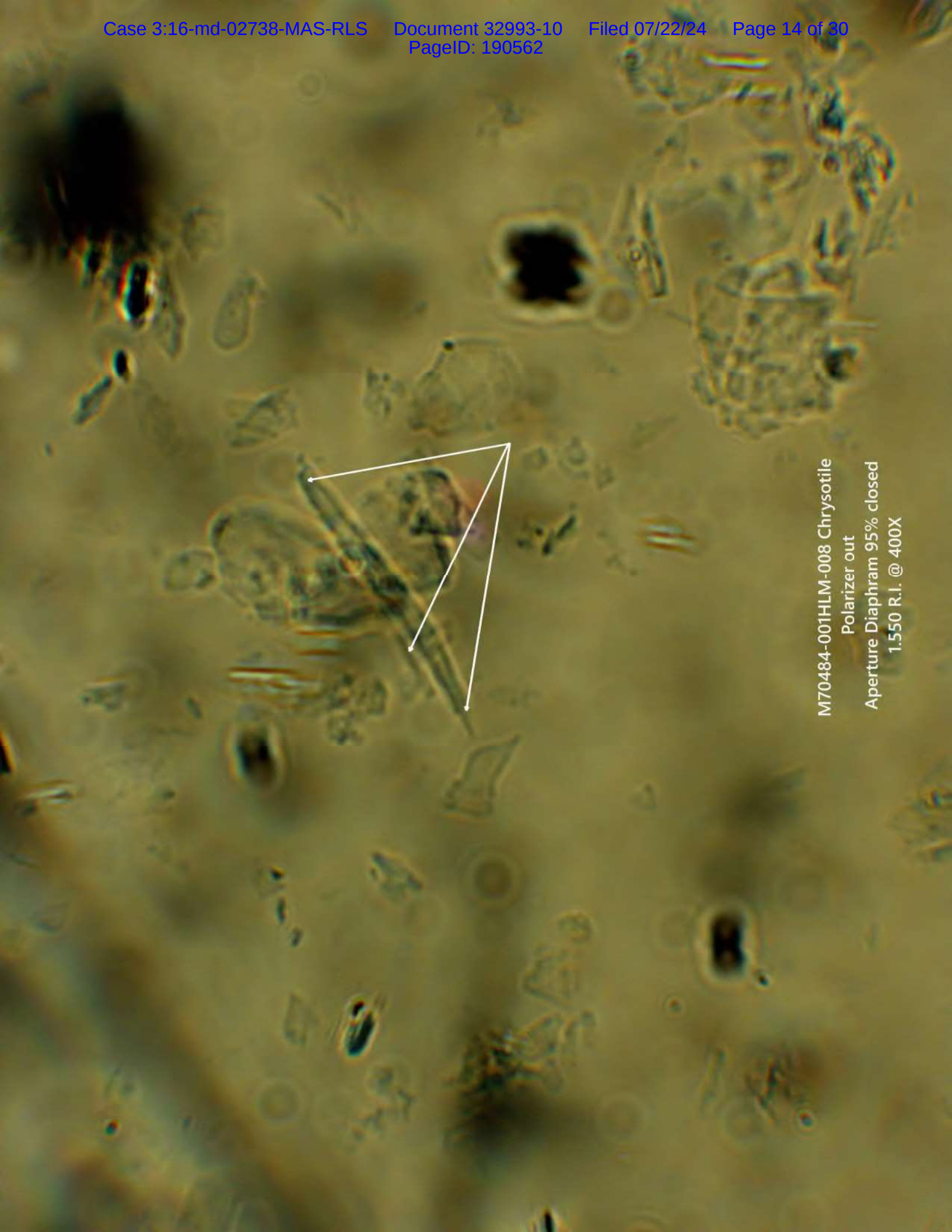
M70484-001HLM-008 Chrysotile
Parallel Dispersion
1.550 R.I. @ 100X



M70484-001HLM-008 Chrysotile
Perpendicular Dispersion







M70484-001HLM-008 Chrysotile
Polarizer out
Aperture Diaphragm 95% closed
1.550 R.I. @ 400X

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-001		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/23/2019 - 7/24/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03180			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E3-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-001		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/23/2019 - 7/24/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03180			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E4-B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-001		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/23/2019 - 7/24/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03180			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
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Org. Sample Wt.	Sample Wt. Post HL Separation	
0.03180	0.03180	g
Percent of Orig. Post Separation	100	(%)

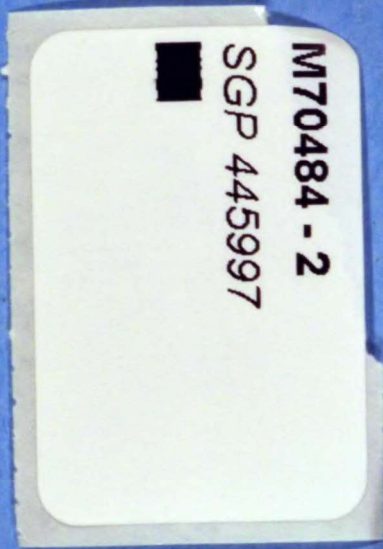
Wt. Of Sample Analyzed	0.00017434	g
Filter size	201.1	mm ²
Number of Structures Counted	0	Str.
Structures per Gram of Sample	<5,740	Str./g

Detection Limit	5.74E+03	Str./g
Analytical Sensitivity	5.74E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-001		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	7/23/2019 - 7/24/2019		G. O. in microns =	105	105	105
Initial Weight(g)	0.03180			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
NSD	E3-A1					No fibrous talc observed	

Section 4



M70484 - 2

SGP 445997



M70484 - 2

SGP 445997



M70484 - 2
SGP 445997

1045RA

We love babies.

JOHNSON'S® Baby Powder leaves skin feeling delicately soft and dry while providing soothing relief.

SAFETY TIP: Keep out of reach of children.

WARNING: Keep powder away from child's face to avoid inhalation, which can cause breathing problems. Avoid contact with eyes. For external use only. Close tightly after use.

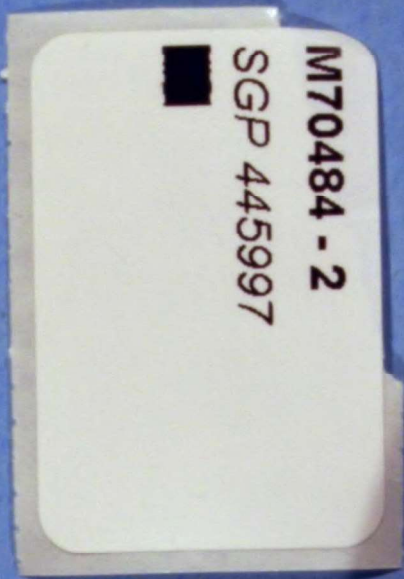
Ingredients: Talc, Fragrance

8137-003001 0
Distributed in the US by:  J&J CCI 2014
JOHNSON & JOHNSON
CONSUMER PRODUCTS COMPANY
Division of Johnson & Johnson Consumer
Companies, Inc. Skillman, NJ 08559-9418
Talc Made in China
Questions? 866-JNJ-BABY; Outside US, dial
collect 215-273-8755 www.johnsonsbaby.com

3



30027477



M70484 - 2
SGP 445997



MAS, LLC
PLM ANALYSIS

Proj#-Spl#	M70484 - 002BL	Analyst	Paul Hess	Date	6/19/2019
ClientName	Simon Greenstone Panatier Bartlett		ClientSpl	SGP 445997	
Location					
Type_Mat	Johnson & Johnson Baby Powder 1.5oz				
Gross Visual	Off-white debris on slide			% of Sample	100

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

	Sample 1	Sample 2	Sample 3
Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile.....	_____
Amosite.....	_____
Crocidolite.....	_____
Tremolite/Actinolite.....	_____
Anthophyllite.....	_____

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55	***

NON FIBROUS COMPONENTS

Opagues	X
Talc	X
Mineral grains	X

Binder Description _____

Comments X = Materials detected. *** Moderate amount of Fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC
PLM ANALYSIS**

Proj#-Spl# M70484 - 002ISO **Analyst** Paul Hess **Date** 6/17/2019
ClientName Simon Greenstone Panatier Bartlett **ClientSpl** SGP 445997
Location _____
Type_Mat Johnson & Johnson Baby Powder 1.5oz
Gross Off-white powder **% of Sample** 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS**EST. VOL. %**

NO ASBESTOS OBSERVED

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite.....
Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

NON FIBROUS COMPONENTS

Opagues	X
Talc	X
Mineral grains	X
_____	_____

Binder Description _____

Comments X = Materials detected. *** Abundant Fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC
PLM ANALYSIS**

Proj#-Spl# M70484 - 002HLM Analyst Paul Hess Date 2/22/2020
 ClientName Simon Greenstone Panatier Bartlett ClientSpl SGP 445997
 Location _____
 Type_Mat Johnson & Johnson Baby Powder 1.5oz
 Gross White debris on filter % of Sample 100
 Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.561/1.552		
Sign^	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS

EST. VOL. %

Chrysotile..... 0.001 to 0.01
 Amosite.....
 Crocidolite.....
 Tremolite/Actinolite.....
 Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

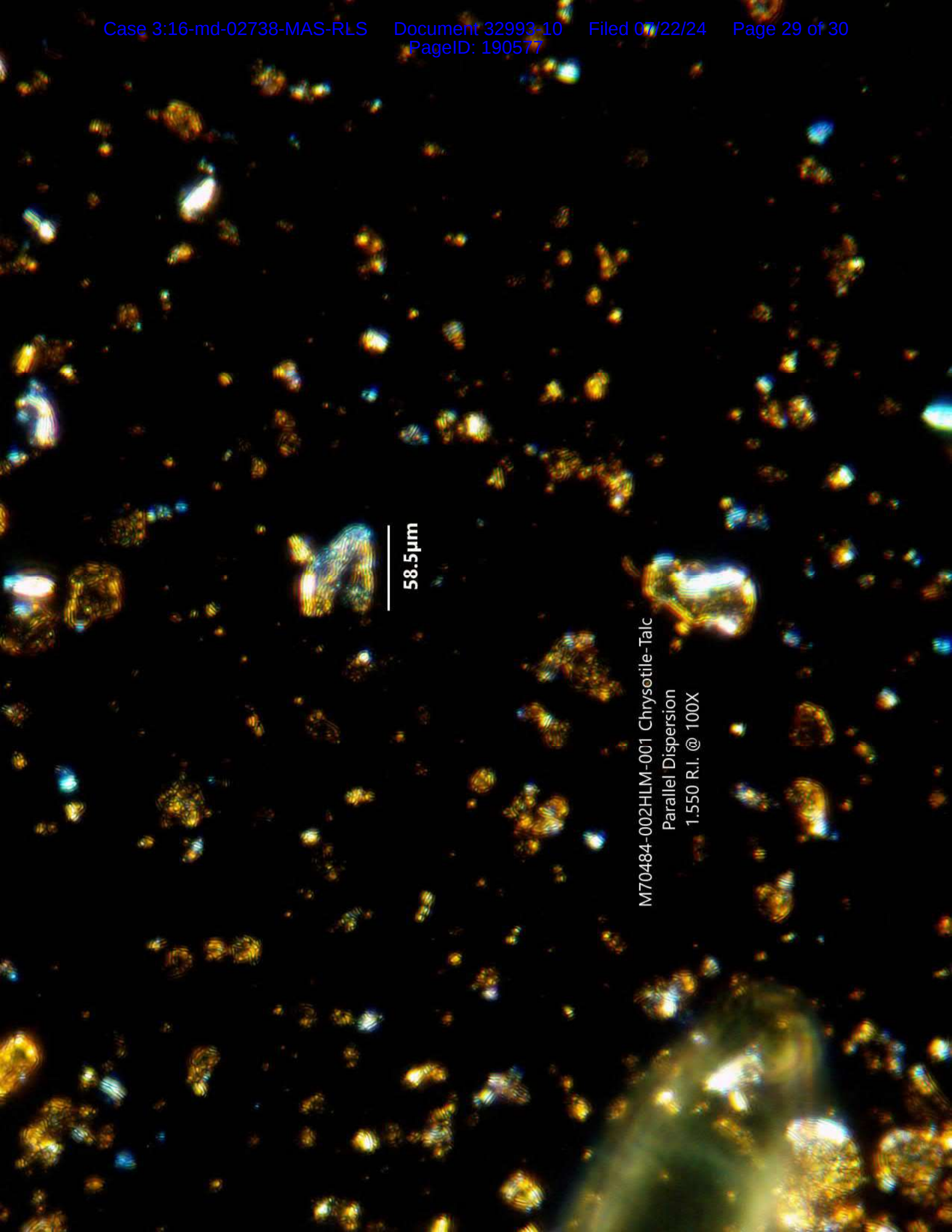
NON FIBROUS COMPONENTS

Opagues _____ X
 Talc _____ X
 Mineral grains _____ X

Binder Description _____

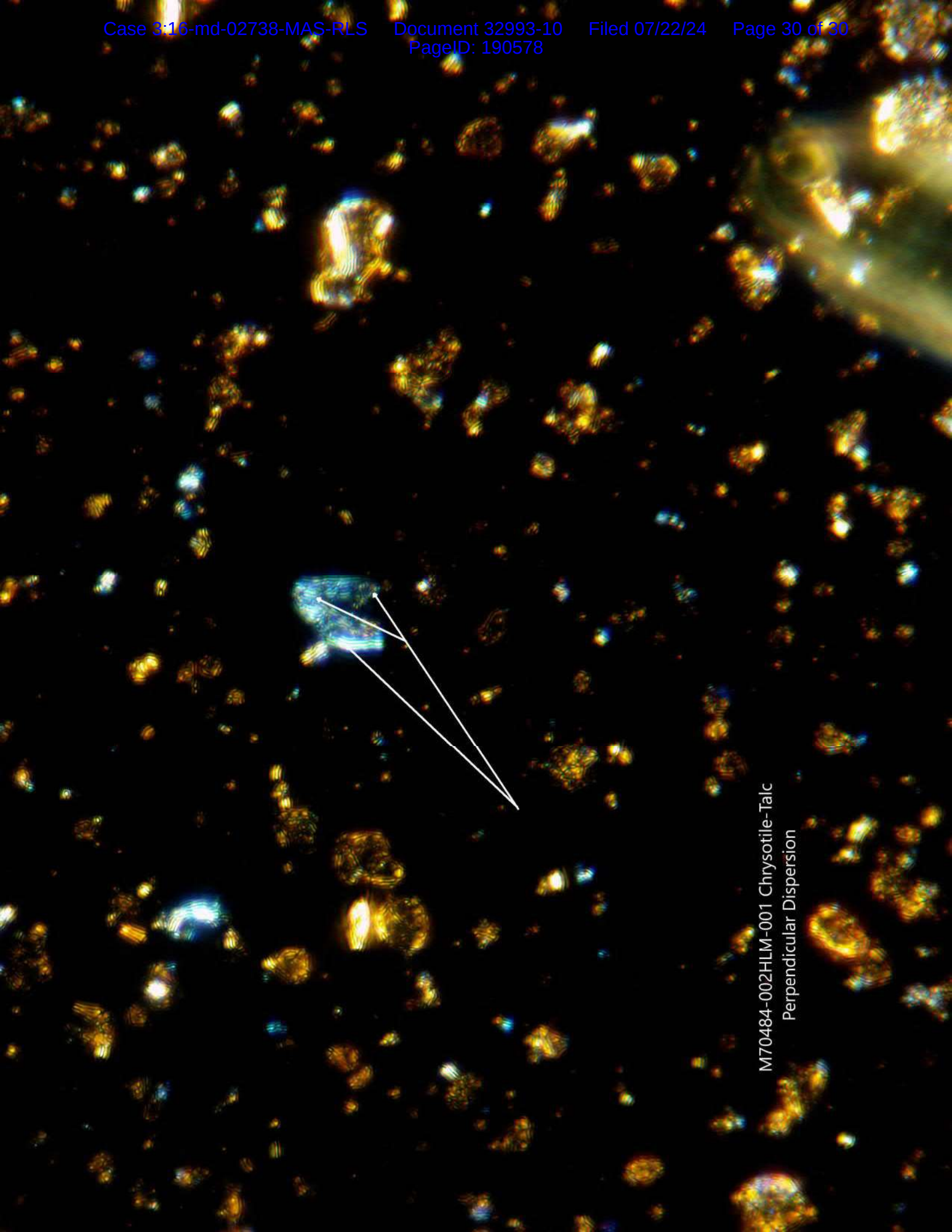
Comments Chrysotile asbestos observed. X = Materials detected. *** Moderate amount of Fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.



58.5μm

M70484-002HLM-001 Chrysotile-Talc
Parallel Dispersion
1.550 R.I. @ 100X



M70484-002HLM-001 Chrysotile-Talc
Perpendicular Dispersion